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# Fax

coversheet

To: Tim Luke From: Cindy Bird  
Fax: 1-208-287-6700 Pages: 2  
Phone: 1-208-287-4959 Date: 3/7/ 2008  
Re: Miller ditch. CC: Rock Holbrook

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• Comments:

March 6, 2008

Idaho Department of Water Resources  
Tim Luke: Water Distribution Section Manager

Re: Order requiring Measuring Devices and Controlling Works in Water District 11

Dear Tim Luke (Manager), & Rock Holbrook (Watermaster),

In response to the order for measuring and controlling works for the canals and diversions in District 11 of the Bear River Water system, I have met with the users of the water diverted through the Miller Ditch and we very much would like to be in compliance with the request to have a measuring devise acceptable to the IDWR.

We have in recent years installed a partial flume which should have been adequate if the flow of the canal had had enough fall to maintain enough free board to allow for consistent and accurate measurements. The challenge associated with this canal and many of the others in the area is the slow moving water caused by the near level grade of the canal and the problem of moss, grasses, and sediment bars that change with the season.

In reviewing Rock's report for the 2007 irrigation season, we agree that the 2ft. parshall flume is too small for the maximum flow of the canal. We intend to replace this existing measuring device with at least a 30" if not a 4ft. flume salvaged from the Nuffer Ditch, since we will be replacing that measuring device as well.

We have looked at the literature provided by Intermountain Environmental Inc. on measuring devices and particularly the Tethered Acoustic Doppler Profiler measuring device. There is a good culvert on this canal where it could feasibly be installed and where it would be accessible to the watermaster. Our concern is whether the beavers would leave it alone if it were tethered in the culvert. It is our intention to comply with the request of this order and satisfy the stipulations to be in compliance. I thank you for your consideration.

Rulon Wistisen



Water user on Miller Ditch

